BRUHAT BANGALORE MAHANAGARA PALIKE

Yalahanka Zone, Electrical Division

WORK SLIP STATEMENT

Name of Work:- Providing and Fixing of LED Street Lights Ward No-10 in Byatarayanapura Division.

Name Of The Agency :-SRI Lakshmivaradaraja Electrical stores

Work Order No :-EE(Ele)/Das/WO/000003/2017-18 Dated 25/10/2017

Tender Notification :-EE/ELE/YZ/TN/GN/04/2017-18 Dated 04/08/2017

Sl no	SR page no & Sl no	Description	Unit	As Per sanction Estimate			As Per Bill of Qty			Quantity Up to 125%			Quantity Above 125%			Anticipated Final Quantity	
				Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Amount
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1		LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II.LED Streetlight 65watts	each	62	18720.00	1160640.00	62	7500.00	465000.00	77	7500.00	577500.00	63	7500.00	472500.00	140	105000
2		Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 19904sq mm	Per Mtr	290	7.50	2175.00	290	7.00	2030.00	362	7.00	2534.00	38	7.00	266.00	400	2800
3		Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor,14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM	Per Mtr	350	143.00	50050.00	350	150.00	52500.00	437	150.00	65550.00	1163	150.00	174450.00	1600	240000
4		Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Per Mtr	350	10.30	3605.00	350	10.00	3500.00	437	10.00	4370.00	1163	10.00	11630.00	1600	16000
		Total Rs				**1216470.00**			523030.00			649954.00			658846.00		130880

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST 785770.00 / 1500000.00

NOTE:the Work Slip amount of Rs 7,85,770.00 (Rupees Seven LakhsEighty Five Thousend Seven Hundred Seventy only) may be Approved

"worksli

Assistant Engineer Electrical

Assistant Executive Engineer

Executive Engineer
Electrical Division
BBMP Dasarahalli Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

Yalahanka Zone, Electrical Division

WORK SLIP STATEMENT

ng of LED Street Lights Ward No-10 in Byatarayanapura Division.

mivaradaraja Electrical stores

O/000003/2017-18 Dated 25/10/2017

TN/GN/04/2017-18 Dated 04/08/2017

tion	Unit	As Per sanction Estimate			As Per Bill of Qty			Quantity Up to 125%			Quantity Above 125%			Anticipated Final Quantity		Excess	Savings	Remarks
		Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Amount			
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
of LED Streetlight with um housing body better thermal ven by LED source r B1/B2 Roads as per ED Streetlight	each	62	18720.00	1160640.00	62	7500.00	465000.00	77	7500.00	577500.00	63	7500.00	472500.00	140	1050000.00	585000.00	0.00	
r circuit using one of le stranded aluminum core cable in open or ng as per IS - 694 :	Per Mtr	290	7.50	2175.00	290	7.00	2030.00	362	7.00	2534.00	38	7.00	266.00	400	2800.00	770.00		
e Aerial Bunched acted Aluminum :1995 & confirming to 5 + 1 X 25 SQ.MM	Per Mtr	350	143.00	50050.00	350	150.00	52500.00	437	150.00	65550.00	1163	150.00	174450.00	1600	240000.00	187500.00	0.00	
ial Bunched Cable,	Per Mtr	350	10.30	3605.00	350	10.00	3500.00	437	10.00	4370.00	1163	10.00	11630.00	1600	16000.00	12500.00	0.00	
				1216470.00			523030.00			649954.00			658846.00		1308800.00	785770.00	0.00	

"worksip Approved"

COMPARING TO 785770.00

COST 1500000.00

nt of Rs 7,85,770.00 (Rupees Seven LakhsEightey Five Thousend Seven Hundred Seventy only) may be Approved

Electrical

Assistant Executive Engineer

Executive Engineer
Electrical Division
BBMP Dasarahalli Zone

Chief Engine
Yalahanka

BRUHAT BANGALORE MAHANAGARA PALIKE
Yalahanka Zone, Electrical Division
COMPARTIVESTATMENT

Name of Work:- Providing and Fixing of LED Street Lights Ward No-10 in Byatarayanapura Division.

Name Of The Agency :-SRI Lakshmivaradaraja Electrical stores

Work Order No :-EE(Ele)/Das/WO/000003/2017-18 Dated 25/10/2017

Tender Notification :-EE/ELE/YZ/TN/GN/04/2017-18 Dated 04/08/2017

Slno	SR page no & Sl no	Description	Unit	As Per sanction Estimate			As Per Bill of Qty			Quantity Up to 125%			Quantity Above 125%			Anticipated Final Quantity	
				Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Amount
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1		LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II.LED Streetlight 65watts	each	62	18720.00	1160640.00	62	7500.00	465000.00	77	7500.00	577500.00	63	7500.00	472500.00	140	1050000.0
2		Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	Each	115	893.00	102695.00	115	587.00	67505.00	110	587.00	64570.00	0	587.00	0.00	110	64570.00
3		Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 19904sq mm	Per Mtr	290	7.50	2175.00	290	7.00	2030.00	362	7.00	2534.00	38	7.00	266.00	400	2800.00
4		Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor,14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM	Per Mtr	350	143.00	50050.00	350	150.00	52500.00	437	150.00	65550.00	1163	150.00	174450.00	1600	240000.00
5		Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Per Mtr	350	10.30	3605.00	350	10.00	3500.00	437	10.00	4370.00	1163	10.00	11630.00	1600	16000.00
6		Open Conduit Systeme: Supplying heavy gauge PVC conditpipe,,,,,,,,,,portionusing heavy gauge saddles at an interval of 700mm using NF screws c)32mm dia 2.5mm thick	Per Mtr	150	100.00	15000.00	150	50.00	7500.00	150	50.00	7500.00	0	50.00	0.00	150	7500.00

BRUHAT BANGALORE MAHANAGARA PALIKE

Yalahanka Zone, Electrical Division

COMPARTIVESTATMENT

ng and Fixing of LED Street Lights Ward No-10 in Byatarayanapura Division.

-SRI Lakshmivaradaraja Electrical stores

e)/Das/WO/000003/2017-18 Dated 25/10/2017

E/ELE/YZ/TN/GN/04/2017-18 Dated 04/08/2017

ption	Unit	As Per sanction Estimate			As Per Bill of Qty			Quantity Up to 125%			Quantity Above 125%			Anticipated Final Quantity		Excess	Savings	Remarks
		Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Rate	Amt	Qty	Amount			
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
of LED Streetlight luminum housing sink for better uld be given by e. Suitable for 1944 Part I & Part ts	each	62	18720.00	1160640.00	62	7500.00	465000.00	77	7500.00	577500.00	63	7500.00	472500.00	140	1050000.00	585000.00	0.00	
mm dia class A GI s long bent at wiring using complete. Using	Each	115	893.00	102695.00	115	587.00	67505.00	110	587.00	64570.00	0	587.00	0.00	110	64570.00	0.00	2935.00	
r circuit using one rade stranded ire single core ed system of 9904sq mm	Per Mtr	290	7.50	2175.00	290	7.00	2030.00	362	7.00	2534.00	38	7.00	266.00	400	2800.00	770.00	-770.00	
Aerial Bunched acted Aluminum 1995 & OUP-A 2 X 25 + 1	Per Mtr	350	143.00	50050.00	350	150.00	52500.00	437	150.00	65550.00	1163	150.00	174450.00	1600	240000.00	187500.00	0.00	
al Bunched	Per Mtr	350	10.30	3605.00	350	10.00	3500.00	437	10.00	4370.00	1163	10.00	11630.00	1600	16000.00	12500.00	0.00	
Supplying heavy .....portionusing n interval of c)32mm dia	Per Mtr	150	100.00	15000.00	150	50.00	7500.00	150	50.00	7500.00	0	50.00	0.00	150	7500.00	0.00	0.00	

g angle iron frame work S angle iron... and ts, washers etc., and s of red oxide and then ved paint. a)50X50X6	mtr	23	263.00	6049.00	23	45.98	1057.54	23	45.98	1057.54	0	45.98	0.00	23	1057.54	0.00	0.00
ing GI/Copper nding and (along with uit system of wiring) itable size clamps, s etc.	mtrs	90	19.50	1755.00	90	10.00	900.00	0	10.00	0.00	0	10.00	0.00	0	0.00	0.00	900.00
tion / Fixing / Provision RC Fuse / MCB ole connector / terminal ision for cable entry noplastic, polyamide	Each	25	2178.00	54450.00	25	2000.40	50010.00	25	2000.40	50010.00		2000.40	0.00	25	50010.00	0.00	0.00
g Moulded Case Circuit er the existing sor release and Earth 47. (Icu = Ics) THREE kA.	Each	25	4044.00	101100.00	25	2000.00	50000.00	25	2000.00	50000.00		2000.00	0.00	25	50000.00	0.00	0.00
E I R L																	
with pole clamp, shers for RCC	Nos	37	162.00			75.73					37	75.73	2802.01	37	2802.01	2802.01	
tor Suitable for 16 - Street Light	Nos	74	160.00			74.8					74	74.8	5535.20	74	5535.20	5535.20	
np Assembly16 to usive of pole ook)	Nos	37	190.00			88.82					37	88.82	3286.34	37	3286.34	3286.34	
/Anchor Clamp usive of pole	Nos	6	131.00			61.24					6	61.24	367.44	6	367.44	367.44	
oss arm with ces	Nos	37	96.00			44.88					37	44.88	1660.56	37	1660.56	1660.56	

7		Supplying and fixing angle iron frame work fabricated out of M.S angle iron and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint a)50X50X6 mm	mtr	23	263.00	6049.00	23	45.98	1057.54	23	45.98	1057.54	0	45.98	0.00
8		Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. GI Wire 8 SWG	mtrs	90	19.50	1755.00	90	10.00	900.00	0	10.00	0.00	0	10.00	0.00
9		Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph provision for cable entry through IP65 Thermoplastic, polyamide glands and/or	Each	25	2178.00	54450.00	25	2000.40	50010.00	25	2000.40	50010.00		2000.40	0.00
10		Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.	Each	25	4044.00	101100.00	25	2000.00	50000.00	25	2000.00	50000.00		2000.00	0.00
		E I R L													
11	2.09	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	Nos	37	162.00			75.73					37	75.73	2802.01
12	53.15	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connections	Nos	74	160.00			74.8					74	74.8	5535.20
13	53.23	Suspension Clamp Assembly16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	37	190.00			88.82					37	88.82	3286.34
14	53.19	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	6	131.00			61.24					6	61.24	367.44
15	4.10	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos	37	96.00			44.88					37	44.88	1660.56

E S R

ension Clamp - 25	Nos	37	115.00			53.76					37	53.76	1989.12	37	1989.12	1989.12			
ulation piercing ain m, Tap : 1.5-	Nos	74	54.00			25.24					74	25.24	1867.76	74	1867.76	1867.76			
al Hook/Dead end	Nos	6	115.00			53.76					6	53.76	322.56	6	322.56	322.56			
				2481.00															
				1500000.00			700002.54			823091.54			658846.00		1499768.53	803600.99	3065.00	

otal EIRL Amount Rs	17831.00
centage of EIRL Item	0.01%
al Work Slip Amount	803601.00

Total Savings To the Sanction estimate Rs = 231.47

SS COMPARING 803601.00
D COST 1500000.00 53.57%

ectrical

Assistant Executive Engineer

Executive Engineer
Electrical Division
BBMP Yalahanka Zone

"competive statement Approved"

Chief Engineer
Yelahanka Zone
Jnanabharathi Nagara
Bangalore 92

	46.(	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	Nos	37	115.00			53.76					37	53.76	1989.12	37	19
17	46.12	Installation of Insulation piercing connector for main to street light Main : 16-95sqmm, Tap : 1.5-10sqmm(EP95)	Nos	74	54.00			25.24					74	25.24	1867.76	74	18
18	46.10	Fixing of Universal Hook/Dead end clamp	Nos	6	115.00			53.76					6	53.76	322.56	6	32
19		Mislenious				2481.00											
		Total Rs				**1500000.00**			700002.54			823091.54			658846.00		1499
	Total EIRL Amount Rs					17831.00											
	Percentage of EIRL Item					0.01%											
	Total Work Slip Amount					803601.00											
	[illegible]					[illegible]											

Total Savings To the Sanction estimate Rs = 231.47

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST

803601.00 / 1500000.00 = 53.57%

Je/Assistant Engineer Electrical

Assistant Executive Engineer

Executive Engineer
Electrical Division
BBMP Yalahanka Zone

"comperitive Statement

Chief Engineer
Yelahanka Zone
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

FORM OF EXTRA ITEM RATE LIST IN FORM NO P W G 71.

Work : Modified Estimate for Providing and Fixing of LED Street Lights Ward No-10 in Byatarayanapura Division.

ed cost: ₹5,00,000.00

mmath Electricals

Description	Unit	Qty	Rate in Rs Considering2014-15 PWD Ele SR &BESCOM SR of 2016-17 including TP - 53.25% (Below)	Amt	Whether the items are alternative to the item in the tender. Whether these are additional items or somitems in accepted tender	Whether the extra items are included in the sanctioned estimate.	How the extra cost of the items is proposed to be met	Whether the item is indicated in the SR	Remarks
3	4	5	6	7	8	9	10	11	12
BESCOM SR 2016-17									
...mm with pole clamp, bolt & nut & washers for RCC	Nos	37	75.73	2802.01	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...ne for Suitable for 16 Sqmm - 95 Sqmm AB Cable - ...connections	Nos	74	74.8	5535.20	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...Clamp Assembly16 to 70 Sqmm Bare ...e of pole clamp and eye hook)	Nos	37	88.82	3286.34	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare ...e of pole clampand eye hook)	Nos	6	61.24	367.44	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...cross arm with insulator and Braces fixing	Nos	37	44.88	1660.56	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...spension Clamp - 25 to 95 sqmm bare messenger	Nos	37	53.76	1989.12	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...Insulation piercing connector for main to street light ...sqmm, Tap : 1.5-10sqmm(EI 95)	Nos	74	25.24	1867.76	Yes	No	Under the Savings of the sanctioned estimate	Yes	
...ersal Hook/Dead end clamp	Nos	6	53.76	322.56	Yes	No	Under the Savings of the sanctioned estimate	Yes	
Total Rs				17830.99					

...n Rate List amount of Rs 17831.00 (Rupees Seventeen Thousend Eight Hundreden Thirteyone only) may be Approved

...Engineer Electrical

Assistant Executive Engineer (ele)
BBMP Dasarahalli Zone

Executive Engineer (ele)
BBMP Dasarahalli Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

FORM OF EXTRA ITEM RATE LIST IN FORM NO.P .W .G 71.

Name of Work:- Modefied Estime for Providing and Fixing of LED Street Lights Ward No-10 in Byatarayanapura Division.

Estmateted cost: ₹5,00,000.00

Agency :Srinath Electricals

Slno	SR page no & Sl no	Description	Unit	Qty	Rate in Rs Considering2014-15 PWD Ele SR &BESCOM SR of 2016-17 including TP - 53.25% (Below)	Amt	Whether the items are alternative to the item in the tender, Whether these are additional items or somitems in accepted tender	Whether the extra items are included in the sanctioned estimate.	How the extra cost of the items is proposed to be met	Wh the indi in th
1	2	3	4	5	6	7	8	9	10	
		BESCOM SR 2016-17								
1	2 09	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	Nos	37	75.73	2802.01	Yes	No	Under the Savings of the sanctioned estimate	
2	53.15	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connections	Nos	74	74.8	5535.20	Yes	No	Under the Savings of the sanctioned estimate	
3	53.23	Suspension Clamp Assembly16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	37	88.82	3286.34	Yes	No	Under the Savings of the sanctioned estimate	
4	53.19	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of pole clampand eye hook)	Nos	6	61.24	367.44	Yes	No	Under the Savings of the sanctioned estimate	
5	4.1	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos	37	44.88	1660.56	Yes	No	Under the Savings of the sanctioned estimate	
6	46.6	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	Nos	37	53.76	1989.12	Yes	No	Under the Savings of the sanctioned estimate	
7	46.12	Installation of Insulation piercing connector for main to street light Main 16-95sqmm, Tap 1.5-10sqmm(EP95)	Nos	74	25.24	1867.76	Yes	No	Under the Savings of the sanctioned estimate	
8	46.1	Fixing of Universal Hook/Dead end clamp	Nos	6	53.76	322.56	Yes	No	Under the Savings of the sanctioned estimate	
		Total Rs				17830.99				

NOTE The Extra item Rate List amount of Rs 17831.00 (Rupees Seventeen Thousend Eight Hundreden Thirteyone only) may be Approved

Je/Assistant Engineer Electrical

Assistant Executive Engineer (ele)
BBMP Dasarahalli Zone

Executive Engineer (ele)
BBMP Dasarahalli Zone